1	Express Mail Mailing Label No. EE587029397US
2	File No. P-1274-981
3	File No. F-12/4-981
4	Abstract of the Disclosure
5	A plant fertilizer composition that includes an acid whereby said acid may react
6	with, chelate, or block any metal ions in the soil in which the plants grow during
7	administration of the fertilizer. This reaction renders the metal ions substantially
8	ineffective for reacting with the fertilizer components. The fertilizer is thereby shielded
9	from interference with any metal ions in the soil and the delivery of the fertilizer to the
10	plant roots is thereby enhanced. The acid may be, but is not limited to, an organic acid
11	and is preferably citric acid. The fertilizer composition may include phosphorus.
12	Likewise, in one embodiment, the fertilizer composition may include phosphate ions and
13	citric acid, the citric acid chelating any metal ions in the soil in which the plants grow
14	thereby facilitating the transportation of phosphate to the plant roots. The invention
15	further discloses a method for providing a fertilizer to plant roots, comprising the steps
16	of administering to the soil in which the plants grow, a plant soil fertilizer composition;
17	and shielding the fertilizer from interference with any metal ions in the soil in which the
18	plants grow during said administration of the fertilizer to the plant roots, thereby
19	enhancing delivery of the fertilizer to the plant roots.
20-	
21	CERTIFICATE OF EXPRESS MAILING - C.F.R. 1.10
22	"Express Mail" mailing label number: EE587029397US  Date of Deposit: November 3, 1999
23	I hereby certify that this paper or fee is being deposited
24	with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the
25	date indicated above and is addressed to Box PATENT APPLICATION, Assistant Commissioner of Patents and
26	Trademarks, Washington, D.C. 20231.
27	Virginia McIntyre (Printed Name)
28	Tergina Mathetyle.
29	(Signature)

